

13 Furthermore, as shown in Figs. 1 and 2 the high-frequency circuit element of this embodiment has plates 1a, 1b, 1c for interrupting an unwanted higher-order mode made of a conductor material. The plates 1a, 1b, 1c are fixed to the box frame 12 with, for example, conductive adhesives so as to be electrically connected to the box. Thus, the plates cut off a propagation path for high-frequency waves by approximately or substantially dividing the internal space of the box.

IN THE CLAIMS

Please cancel claim 1 without prejudice or disclaimer.

Please amend claims 2-3, 5-7, 11-12 and 14 to read as follows:

2. (Amended) A high-frequency circuit element comprising:

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a substrate,

a high-frequency circuit disposed on said substrate,

a metal box electromagnetically shielding said high-frequency circuit by enclosing said substrate there within,

an input/output terminal placed on said metal box and inputting/outputting a high-frequency signal to/from said high-frequency circuit, and

a plate, for interrupting an unwanted high-order mode, substantially dividing an internal space in said metal box and cutting off the propagation path for the high-frequency waves in the internal space of said metal box.

3. (Amended) The high-frequency circuit element according to claim 2, wherein said plate for interrupting an unwanted higher-order mode comprises a conductor.

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5. (Amended) The high-frequency circuit element according to claim 2, wherein said plate for interrupting an unwanted higher-order mode comprises a dielectric having a high dielectric constant.

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6. (Amended) The high-frequency circuit element according to claim 2, wherein said plate for interrupting an unwanted higher-order mode is placed spanning over and approximately perpendicular to at least one input/output line of said high-frequency circuit and placed so that it said plate is not in an electric contact with said input/output line.

7. (Amended) The high-frequency circuit element according to claim 6, wherein said plate for interrupting an unwanted higher-order mode has a cut-out so that said plate is not in an electric contact with said high-frequency circuit.

11. (Amended) A high-frequency circuit element comprising:

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a substrate,

a high-frequency circuit disposed on said substrate,

a metal box electromagnetically shielding said high-frequency circuit by enclosing said substrate there within,

an input/output terminal placed on said metal box and inputting/outputting a high-frequency signal to/from said high-frequency circuit, and

a cover, for interrupting an unwanted high-order mode, surrounding an input/output line of said high-frequency circuit within an internal space of said metal box so as to suppress the propagation of high-frequency waves.

12. (Amended) The high-frequency circuit element according to claim 2, wherein said cover for interrupting an unwanted higher-order mode comprises a conductor. 11?

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14. (Amended) The high-frequency circuit element according to claim 11, wherein said cover for interrupting an unwanted higher-order mode comprises a dielectric having a high dielectric constant.